



PATENT ABSTRACTS OF JAPAN

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TAKAHASHI MASAOKI****(54) PACKAGE IN SHAPE OF ELASTIC STRINGY CHEESE, AND ITS MANUFACTURE****(57) Abstract:**

PURPOSE: To provide a package in the shape of elastic stringy cheese having well-regulated cheese shape and being excellent in unwinding property by forming a winding-up layer, which has at least three different winding angles in the thickness of winding, and setting the ratio of the highest winding angle to the lowest winding angle in a specific range.

CONSTITUTION: For this package in the shape of an elastic stringy cheese of polyurethane elastic yarn or the like, elastic yarn 1 is wound up at winding angles θ and s on the core 2, and in the beginning of the winding the winding angle is the lowest winding angle θ , and at the end of winding the winding angle is the highest winding angle (s). In this winding, the winding is performed while changing the winding angle continuously or noncontinuously so that it may have a winding layer which has at least three different angles in the thickness direction of winding, and the ratio s/θ of the highest angle (s) to the lowest angle θ is set in the range of 1.1-2.0. Hereby, a large package having well-regulated shape and

being excellent in unwinding property can be obtained.

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